

贵州开口箭属一新种

陈 谦 海

(贵州省生物研究所, 贵阳)

A NEW SPECIES OF *TUPISTRA* (LILIACEAE) FROM GUIZHOU

CHEN QIAN-HAI

(Guizhou Institute of Biology, Guiyang)

Key Words *Tupistra*; *T. verruculosa*

关键词 开口箭属; 疣点开口箭

疣点开口箭 新种 图 1

Tupistra verruculosa Q. H. Chen, sp. nov. (Sect. *Metatupistra* Wang et Liang)

Species affinis *T. urotepalae* (Hand.-Mzt.) Wang et Tang, sed spica 10—12cm longa 1.5—2cm lata, pedunculo c. 15cm longo, perianthii lobis extus dense verruculosus, filamentis infra medium dilatatis loborum basibus adnatis supra medium liberis 1.5—2mm longis infractis, annuli pagina disperse papillata differt.

Rhizoma robustum, cylindricum, 1.5—2cm diam., extus brunneum, intus albidum; caulis brevis. Folia 5—12 dense disticha, crasse chartacea, anguste elliptica vel oblanceolata, 25—52cm longa, 6—8cm lata, apice acuminata, basi attenuata; vaginae 2—4, squamiformes, lanceolatae, usque ad 10cm longae. Spica lateralis, erecta, densiflora, 10—12cm longa, 1.5—2cm lata; pedunculus c. 15cm longus; bracteae membranaceae, viridulae, margine erosae, in quoque flore duae, inaequales, majores ovatae vel ovato-lanceolatae, 5—9mm longae, 3—4mm latae, minores lanceolatae, 3—6mm longae, 1—1.5mm latae; flores subcampanulati, flavo-virentes, 8—11mm longi; perianthii tubus 2—3mm longus, fauci introsum in anulum dilatatus, annuli pagina disperse papillata, lobis crasse carnosus ovatis 6—8mm longis basi 4—5mm latis apice longicaudatis extus dense verruculosus; filamenta infra medium dilatata, perianthii loborum basibus adnata, supra medium libera 1.5—2mm longa, infracta; antherae late ovatae, 1mm latae; ovarium globosum, c. 3mm diam.; stylus 0.5—1mm longus, trigonus; stigma trilobum. Fructus maturus ignotus.

Guizhou (贵州): Pingtang (平塘), Bairu (摆如), alt. 700m, in sylvis ad rupes calcareas, 13 May 1982, Chen Qian-hai et Liu Jian-ding (陈谦海、刘坚定) 1328 (Typus, HGAS); Wengan (瓮安), Libo Exped. (荔波队) 1977.

根状茎强壮,圆柱形,直径 1.5—2cm,外面棕色,内面淡白色;茎短。叶基生,5—12枚,两列紧密套叠,厚纸质,狭椭圆形或倒披针形,长 25—52cm,宽 6—8cm,先端渐尖,

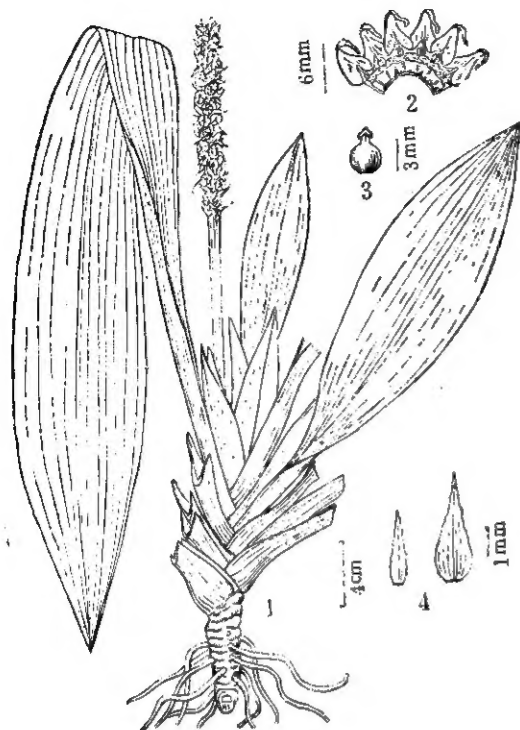


图1 疣点开口箭 *Tupistra verruculosa* 1.植株 plant; 2.花被剖开 perianth, opened up; 3.雌蕊 pistil; 4.苞片 bract.

基部渐狭;鞘叶2—4枚,披针形,长达10cm。穗状花序侧生,直立,密生多花,长10—12cm,宽1.5—2cm;总花梗长约15cm;苞片膜质,淡绿色,边缘啮蚀状,每花有2枚不等大的苞片,较大的卵形或卵状披针形,长5—9mm,宽3—4mm,较小的披针形,长3—6mm,宽1—1.5mm;花近钟状,淡黄绿色,长8—11mm,花被筒长2—3mm,喉部里面扩展成环状体,环状体表面散生乳头状突起;裂片厚肉质,卵形,长6—8mm,基部宽4—5mm,先端长尾尖,外面密被细疣点,花丝中部以下两侧扩大,贴生于裂片基部,中部以上分离,长1.5—2mm,内弯;花药宽卵形,宽1mm;子房球形,直径约3mm;花柱长0.5—1mm,三棱形,柱头3裂。成熟果未见。

本种花被裂片厚肉质,花被筒喉部具向内扩展的环状体。与尾萼开口箭 *T. urotepala* (Hand.-Mzt.) Wang

et Tang 近缘,但穗状花序长10—12cm,宽1.5—2cm,总花梗长约15cm,花被裂片外面密被细疣点,花丝中部以下两侧扩大,贴生于裂片基部,中部以上离生,长1.5—2mm,内弯,环状体表面散生乳头状突起,易于区别。

根状茎入药有滋补效用,当地群众用以治水肿。